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JPRS 22567

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*CISTI TF 67-56114

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26refs FASEB Manuscript no. S 6-3.

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Trans. of #Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 11, p. 1382-1391. (Abstract available)

DESCRIPTORS: *Erythrocytes, *Blood coagulation, Prothrombin, Fibrinogen.

Disintegrated erythrocytes markedly increase the degree of thrombotest and accelerate coagulation time and recalcification time. This influence does not arise from the activating effect of hemolysates on the blood platelets because it is also manifested in plasma with a low thrombocyte content. Erythrocytes contain thromboplastic, antithromboplastic, antiheparin, and

(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-23847

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61-13298

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A GYRO-STABILIZED PLATFORM FOR LARGE ANGLES OF DEFECTION [O Dvizhenii Girostabilizirovannoy Platformy pri Bol'shikh Uglakh Otkloneniya] tr. by J. K. Skwirzynski. Jan 60, 17p. (6 figs. will not reproduce) 3 refs. M1910. Order from LC or SLA ml\$2.40, ph\$3.30 61-13298

Trans. of Akad[emiya] Nauk SSSR. Otd[eleniye] Tekh[nicheskikh] Nauk. Izv[estiya] 1958, no. -1, p. 44-51.

A platform stabilized about two axes by two gyroscope monitored servo power units is considered under conditions of motion when the angle between the platform and the external frame is no longer small. The position of the platform axes and of the gyroscope axes is defined by four variables. By setting up the Euler equations for each of the constituent elements of the system, four nonlinear equations are derived, which the motion of the system obeys. For (Engineering--Aeronautical, TT, v. 5, no. 7) (over)

1. Gyro stabilizers--
Design

- I. Kuzovkov, I. T.
- II. DSIR L.L.U M.1910

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ELA 60-17586

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JPRS 18823

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Sci - Nuclear Phys

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Order from SLA mi\$1.80, ph\$1.80 61-10618

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1960,
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L-Serine hydrochloride was prepared from D-glucos-
amine hydrochloride by making use of the special
arrangement of the amino group in the latter. (Author)

61-10618

- I. Serine--Synthesis
- I. Kuzuhara, H.
- II. Matsui, M.
- III. Title: Studies ...

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 12)

Capital Investments in Agriculture and Forestry
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Through the Most Economical Utilization of Investment
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GERMAN, per, L. fuer Agrarökonomik, Vol IV, No 1,
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JPRS DC-9763

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The Production of Low Manganese Pig Iron
Using Krivoy Rog Ores and Donets Coke,
by P. G. Glazkov, N. Ye. Dunayev,
A. G. Kuzub, G. A. Panev.

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Broken Hill Prop Co Ltd
(CRL/T 30)

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Sci - Engr
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Kuzub, N. A.
CLEANING OF CALANDRIA FROM INCRUSTATION
BY MEANS OF THERMAL TREATMENT. [1963] 6p.
Order from OTS or SLA \$1.10 63-14867

Trans. of Sakharnaya Promyshlennost' (USSR) 1949,
v. 23, no. 10, p. 8-10.

DESCRIPTORS: Evaporators, Vacuum apparatus,
*Scale, *Pipes, Separation, Heat treatment, Refineries.

By the thermal treating of the pipes with scale, the
moisture and crystalline water which are connected
with the organic and inorganic part of the scale are
removed. The colloidal part and the organic compounds
(including nitrogen compounds) are destroyed. This causes
the physical-chemical properties of the scale to be
changed. The diameter of the scale gets smaller which
causes its separation from the pipes. Along the pipe-
length the scale increases 2 mm. per 200 mm.; the
scale falls out easily from the pipe.

63-14867

1. Title Calandria
1. Kuzub, N. A.

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v. 10, no. 9)
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May 64

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